



IFW

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re : Application of Landau et al.
For : **ELECTROCHEMICAL SYSTEM FOR ANALYZING
PERFORMANCE AND PROPERTIES OF ELECTROLYTIC
SOLUTIONS**
Serial No. : 10/791169
Filed : March 2, 2004
Group Art Unit :
Examiner :
Our Docket No. : ULU-101CIP

June 17, 2004

COMMISSIONER FOR PATENTS

Box 1450
Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed is an Information Disclosure Statement, Form PTO-1449 and copies of the cited references.

The Commissioner is hereby authorized to charge any additional filing fees which may be required or credit any overpayment to Deposit Account No. 03-2415.

Two copies of this sheet are enclosed.

Respectfully submitted,

Howard M. Cohn
Registration No. 25,808

Howard M. Cohn
Patent Attorney LLC
21625 Chagrin Blvd. Suite 220
Cleveland, OH 44122
(216) 752-0955 - Phone
(216) 752-0957 - Fax



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: **COMMISSIONER FOR PATENTS** Box 1450, Alexandria, Virginia 22313-1450, on June 17, 2004.

Name of Person mailing : Howard M. Cohn

Signature of Person mailing :

Date of Person signing : June 17, 2004

Ulu101CIPids trns



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re : Application of Landau et al.
For : **ELECTROCHEMICAL SYSTEM FOR ANALYZING
PERFORMANCE AND PROPERTIES OF ELECTROLYTIC
SOLUTIONS**
Serial No. : 10/791169
Filed : March 2, 2004
Group Art Unit :
Examiner :
Our Docket No. : ULU-101CIP

June 17, 2004

COMMISSIONER OF PATENTS

P.O. Box 1450
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97**

Sir:

The following information is disclosed in accordance with 37 C.F.R. 1.97.

The following patents, which are listed on the enclosed form PTO-1449 and submitted
herewith in copy, are considered relevant prior art.

UNITED STATES

<u>Patent No.</u>	<u>Patentee</u>	<u>Date</u>
2,149,344	Hull	Mar., 1939
2,760,928	Ceresa	Aug., 1956
2,801,963	Hull et al.	Aug., 1957
2,859,166	Grigger	Nov., 1958
3,121,053	Hull Jr. et al.	Feb., 1964
3,215,609	Chapdelaine	Nov., 1965
3,278,410	Nelson	Oct., 1966
3,281,338	Leary et al.	Oct., 1966
3,356,597	Schmidt	Dec., 1967
3,616,287	Draghicescu et al.	Oct., 1971

4,102,770	Moriarty et al.	Jul., 1978
4,252,027	Ogden et al.	Feb., 1981
4,605,626	Beck	Aug., 1986
5,228,976	Abys et al.	July 1993
5, 413,692	Abys et al.	May 1995
6,113,771	Landau et al.	Sept., 2000

OTHER REFERENCES

1. Cell-Design[®], Software for computer-aided-design of electrochemical cells, L-Chem Inc., 13909 Larchmere Blvd. Shaker heights, OH 44120. Website: www.L-Chem.com
2. I. Kadija, J. A. Abys, V. Chinchankar and K. Straschil, "Hydrodynamically Controlled "Hull Cell", Plating and Surface Finishing, July, 1991.
3. Autolab HT RotaHull, designed by D. Landolt and C. Madore, manufactured and distributed by Eco Chemie, BV, Utrecht, The Netherlands.
4. J. S. Newman, Electrochemical Systems, Prentice-Hall, Inc., Englewood Cliffs, N.J. (1973).
5. A. J. Bard and L. Faulkner, "Electrochemical Methods", John Wiley and Sons, N.Y. 1980.
6. Venjamin G. Levich, "Physicochemical Hydrodynamics", Prentice-Hall, Englewood Cliffs, NJ, 1962.
7. Uziel landau, "Determination of Laminar and Turbulent Mass Transport Rates in Flow Cells by the Limiting Current Technique", AIChE Symposium Series 204, Vol. 77, pp. 75-87, 1981

Due consideration and allowance of this application are respectfully solicited.

Respectfully submitted,



Howard M. Cohn
Registration No. 25,808

21625 Chagrin Blvd. Suite 220
Cleveland, Ohio 44122
Voice (216) 752-0955
Fax (216) 752-0957



CERTIFICATE OF MAILING

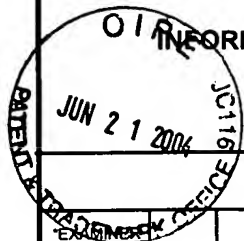
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: **COMMISSIONER FOR PATENTS**
P.O. Box 1450, Alexandria Virginia, 22313-1450 on June 17, 2004.

Name of Person mailing : Howard M. Cohn

Signature of Person mailing :

Date of Person signing : June 17, 2004

ULU101CIPids

**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*

ATTY DOCKET NO.

ULU-101CIP

APPLICATION NO.

10/791,169

APPLICANT(S)

Uziel Landau

FILING DATE

March 2, 2004

GROUP ART UNIT

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2,149,344	Mar., 1939	Hull			
	2,760,928	Aug., 1956	Ceresa			
	2,801,963	Aug., 1957	Hull et al.			
	2,859,166	Nov., 1958	Grigger			
	3,121,053	Feb., 1964	Hull Jr. et al.			

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		Cell-Design®, Software for computer-aided-design of electrochemical cells, L-Chem Inc., 13909 Larchmere Blvd. Shaker heights, OH 44120. Website: www.L-Chem.com
		I. Kadija, J. A. Abys, V. Chinchankar and K. Straschil, "Hydrodynamically Controlled "Hull Cell", Plating and Surface Finishing, July, 1991.

EXAMINER**DATE CONSIDERED**

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. ULU-101CIP		APPLICATION NO. 10/791,169	
				Uziel Landau			
				FILING concurrently herewith		GROUP ART	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,252,027	Feb., 1981	Ogden et al.			
		4,605,626	Aug., 1986	Beck			
		5,228,976	July 1993	Abys et al.			
		5, 413,692	May 1995	Abys et al.			
		6,113,771	Sept., 2000	Landau et al.			

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS									
*	EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
								YES	NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			
			Autolab HT RotaHull, designed by D. Landolt and C. Madore, manufactured and distributed by Eco Chemie, BV, Utrecht, The Netherlands.
			J. S. Newman, Electrochemical Systems, Prentice-Hall, Inc., Englewood Cliffs, N.J. (1973).

EXAMINER	DATE CONSIDERED
-----------------	------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. ULU-101CIP		APPLICATION NO. 10/791,169		
				Uziel Landau				
				FILING concurrently herewith		GROUP ART		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
		A. J. Bard and L. Faulkner, "Electrochemical Methods", John Wiley and Sons, N.Y. 1980.						
		. Venjamin G. Levich, "Physicochemical Hydrodynamics", Prentice-Hall, Englewood Cliffs, NJ, 1962.						
EXAMINER					DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. ULU-101CIP		APPLICATION NO. 10/791,169		
				Uziel Landau				
				FILING March 2, 2004		GROUP ART		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
			Uziel landau, "Determination of Laminar and Turbulent Mass Transport Rates in Flow Cells by the Limiting Current Technique", AIChE Symposium Series 204, Vol. 77, pp. 75-87, 1981					
EXAMINER				DATE CONSIDERED				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								